

## V-9925A LOUD WARBLE RINGER WITH VOLUME CONTROL 5 WATT -24VDC

### **INTRODUCTION**

These instructions contain the specifications and guidelines necessary to install, operate and maintain the V-9925A, 5-Watt Loud Warble Ringer with Volume Control.

### **SPECIFICATIONS**

The V-9925A Loud Warble Ringer is a self-contained 5-Watt electronic ringer which can be used for either interior or exterior signaling applications. The unit is designed to allow a loud warble to be broadcast as long as input signal is present. The input signal should be interrupted or controlled by the ringing interval.

### **Application**

- Loud speaker tone signaling for key systems, intercoms, PABXs
- Outside signaling for incoming calls into a key system
- Signaling in a noisy environment

### **Features**

- 5 Watt amplifier
- Volume control
- High efficiency horn
- Tone generation circuitry

### **Coverage**

Refer to the following table for speaker coverage. The first number given is the side to side distance for mounting the speakers. It is also the distance in front of the speaker that you can expect to hear a good quality signal. The second number is the area being covered in square feet.



<b>Location</b>	<b>Distance</b>	<b>Area</b>
Quiet	220 ft.	48,400 sq. ft.
Moderate	160 ft.	25,600 sq. ft.
Noisy	80 ft.	6,400 sq. ft.
Very Noisy	40 ft.	1,600 sq. ft.

### **Environmental**

- Temperature: -20 to +55°C
- Humidity: 0 to 95% (non-precipitating)

### **Dimensions/Weight**

- 6.50"H x 8.20"W x 10.40"D,  
plus mounting base  
(16.51cm H x 20.83cm W x 26.42cm D)
- 3.6 lbs. (1.63kg)

### **Signal/Power Requirements**

- Power Supply: -24VDC, 500mA ("B" Battery)  
(10 Valcom power units)
- Signal Source: 105VAC or 20VAC

## **Wiring Requirements**

Due to the small amount of signal and power required, wiring may be accomplished through station or other suitable wire. When using "D" type station wire, limit the wire run to 500 feet. Two Loud Warble Ringers may be connected to the same cabling if the total run length is less than 250 feet. When a remote power unit is used, signal input leads should be limited to 5000 feet and a maximum of 6 ringers.

## **INSTALLATION**

### **Connections**

Connect station or other suitable wire to the leads as follows:

White	-24VDC
Black	Ground
Brown	Sig. Common
Red	105VAC input
Green	20VAC input

**NOTE: Use either the 105VAC or 20VAC input, not both.**

When used in conjunction with a buzzer, connect the buzzer leads to the brown and green leads. When used with a ringer, connect the ringer leads to the brown and red leads.

### **Attaching Speaker to Base**

**NOTE: For ease of installation, the base can be attached to the speaker before or after the base is attached.**

- Loosen position adjustment knob.
- Insert the ball of the base into the socket of the speaker.
- Tighten the position adjustment knob.

### **Mounting**

The V-9925A should be mounted 16 to 40 feet above the floor to allow for best sound distribution. The unit can be mounted to a wall, a beam or an electrical box.

- Mount the base to a wall using the two holes provided. Knockout holes are provided for punchout should additional holes be desired.
- A "C" clamp is provided with the ringer to allow mounting to a beam. Place the bolt through the hole in the bottom of the base to secure the "C" clamp to the beam (see Figure 1).

- Connection to an electrical backbox is accomplished by channeling wire through the ball of the base and making appropriate connections (see Figure 2). The base has holes punched for a double-gang square box, but by punching out additional knockout holes, the base can be mounted to a single-gang or octagon box.

The V-9925A may be rotated or moved up and down to obtain the desired position by loosening the knob at the bottom of the unit approximately 1 turn (see Figures 1 and 2). Make required adjustment and re-tighten knob.

## **TECHNICAL ASSISTANCE**

When trouble is reported, verify -24VDC power is being applied to the unit and that the white wire has -24VDC battery and the black wire is at ground potential. Using a VOM, verify that 105VAC or 20VAC is being applied to the signal leads. Check the volume adjustment on the control unit to make certain it is set at the proper level.

Assistance in troubleshooting is available from the factory. When calling, you should have a VOM and a telephone test set available and be calling from the job site. Call (540) 563-2000 and press 1 for Technical Support or visit our website at <http://www.valcom.com>.

Valcom equipment is not field repairable. Valcom, Inc. maintains service facilities in Roanoke, VA. Should repairs be necessary, attach a tag to the unit clearly stating company name, address, phone number, contact person and the nature of the problem. Send the unit to:

**Repair and Return Dept.  
Valcom, Inc.  
5614 Hollins Road  
Roanoke, VA 24019-5056**

## **WARRANTY**

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).

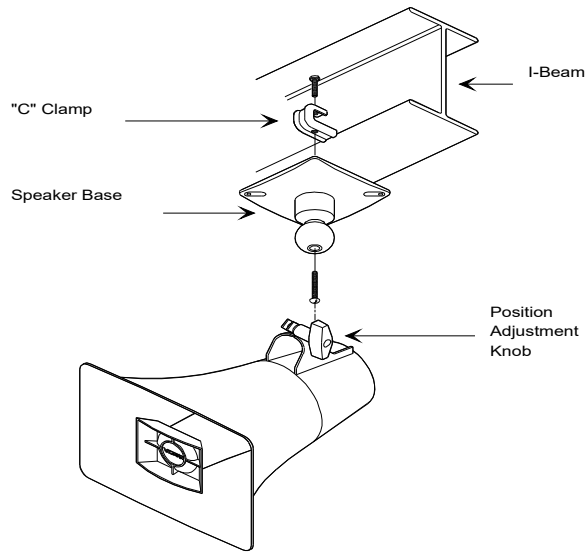


Figure 1 - Mounting to a Beam with a "C" Clamp

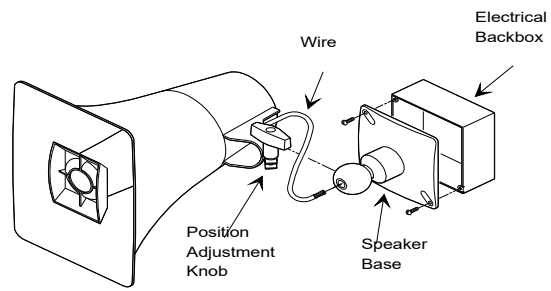


Figure 2 - Mounting to an Electrical Backbox